

TRAFFIC SIGNAL NOTES

- THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING SUBSEQUENT PUBLISHED RULINGS.
- THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATIONS, REQUIRED BY THE PROJECT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL TO BECOME INOPERABLE.
- A NOTICE OF INTENT (NOI) IS NOT REQUIRED FOR THIS PROJECT.
- THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND AND OVERHEAD UTILITIES IN THE VICINITY OF NEW TRAFFIC SIGNAL POLES PRIOR TO ORDERING. AT THE DISCRETION OF THE ENGINEER, MINOR SHIFTS IN POLE LOCATION (UP TO 5 FEET MAXIMUM, BUT WITHIN THE RIGHT OF WAY) ARE ACCEPTABLE TO AVOID UTILITIES. EDGE OF TRAVEL WAY MUST BE MAINTAINED. PLACEMENT OF SIGNAL HEADS SHALL BE MINIMUM CLEARANCES FROM THE RETAINED AS SHOWN IN THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY POLES WHEN ATTACHING SPAN WIRE OR INTERCONNECT CABLE TO THE POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- EQUIPMENT TO BE REMOVED SHALL BE DELIVERED BY THE CONTRACTOR TO CITY OF ROSWELL TRAFFIC SIGNAL SHOP, WITH AN INVENTORY LIST OF RETURNED EQUIPMENT. THE CONTRACTOR SHALL COORDINATE WITH CITY OF ROSWELL SIGNAL SUPERVISOR, STEVE CAMPBELL @ (404) 787-0143 TO ARRANGE A MUTUALLY AGREEABLE DELIVERY TIME. COST OF DELIVERY IS INCLUDED IN THE OVERALL BID PRICE.
- FOR POLE AND FOUNDATION REQUIREMENTS, SEE GEORGIA DOT POLE AND FOUNDATION SHEETS. POLE FOUNDATIONS SHALL CONFORM TO STANDARD GDOT CAISSON DETAILS FOR SOIL STRENGTH AT THE SITE. FOUNDATIONS SHOULD BE DESIGNED TO COMPENSATE FOR FILL OR OTHER INFERIOR SOIL CONDITIONS.
- WHERE NEW CONDUITS ARE ROUTED TO EXISTING PULLBOXES, CONTRACTOR SHALL CARRY SIGNAL AND LOOP LEAD-IN CABLES THROUGH EXISTING PULLBOXES AND EXISTING CONDUITS TO CONTROLLER CABINET.
- WHEN APPLICABLE THE CONTRACTOR SHALL PROVIDE A NEW RISER, CONDUIT, CONDUCTORS, AND DISCONNECT FOR NEW POWER SERVICE INTO AN EXISTING CONTROLLER CABINET.
- SHIELDED CABLE SHALL BE USED FOR LOOP DETECTOR HOME RUNS AS SHOWN ON THE DETAIL SHEET. EACH LOOP DETECTOR SHALL HAVE A SEPARATE LEAD-IN TO THE CONTROLLER CABINET.
- PROPOSED SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ARE PROVIDED AS GENERAL GUIDELINES. ACTUAL ATTACHMENT HEIGHTS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM ADJACENT OVERHEAD UTILITIES.
- IF SIGNAL HEADS ARE INSTALLED PRIOR TO THE DAY OF ACTIVATION, EACH SECTION OF EACH SIGNAL HEAD MUST BE COVERED WITH A BLACK BAG WHICH SHALL NOT BE REMOVED UNTIL THE SIGNAL IS READY TO BE FLASHED.
- THE COST OF GRADING AND DISPOSAL OF WASTE MATERIALS IS INCLUDED IN THE OVERALL BID PRICE.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE ABANDONED, INCLUDING BUT NOT LIMITED TO, AERIAL INTERCONNECT, LOOP LEAD-INS, CONDUITS, RISERS, ETC.
- THE CONTRACTOR SHALL CALL 404-624-7131 TO COORDINATE WITH GDOT TSEF STAFF AND OBTAIN FIRMWARE FOR THE MODEL 2070 CONTROLLERS IN THIS CONTRACT.
- INSTALLATION SHALL BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC ENGINEER @ (770) 986-1765, PRIOR TO FINAL ACCEPTANCE BY THE DEPARTMENT.
- MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN DOT SPECIFICATIONS.
- THE INSTALLATIONS SHALL BE CAPABLE OF CLOSED LOOP ISOLATED MONITORING OVER TELEPHONE LINES FROM EXISTING CENTRAL COMPUTERS LOCATED AT BOTH THE LOCAL DOT DISTRICT OFFICE, TRAFFIC ENGINEERING SECTION, AND THE GDOT OFFICE OF TRAFFIC SIGNAL ELECTRICAL FACILITIES, 935 EAST CONFEDERATE AVENUE, BUILDING 5, ATLANTA, GA 30316. CLOSED LOOP SYSTEM DEMONSTRATION IS REQUIRED AT BOTH CENTRAL SITES PRIOR TO FINAL ACCEPTANCE.
- SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH CURB CUT RAMPS AND MEDIAN NOSES SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.
- VEHICLE HEADS, PEDESTRIAN HEADS, AND SIGNAL HARDWARE SHALL BE ALL BLACK IN COLOR IN ACCORDANCE WITH CITY OF ROSWELL SPECIFICATIONS. VEHICLE SIGNAL HEADS SHALL HAVE TUNNEL VISORS, EXCEPT FOR OPTICALLY PROGRAMMED SIGNALS, AND SHALL BE MADE OF POLYCARBONATE MATERIAL. VEHICLE SIGNAL HEADS SHALL BE SUPPLIED WITH PIXELATED LED MODULES.
- ALL PAINTED/CAST-IN-PLACE COMPOSITE MATERIAL FOR DETECTABLE WARNING SURFACES MUST BE ADA (AMERICANS WITH DISABILITIES ACT) COMPLIANT, AND THE COST OF MATERIALS AND INSTALLATION IS INCLUDED IN THE OVERALL BID PRICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MEASURES AND ENSURE COMPLIANCE WITH ALL STATE AND FEDERAL LAWS AND GUIDELINES. THIS COST SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE OVERALL BID PRICE, AS GOVERNED UNDER SECTION 161.5 OF THE GDOT STANDARD SPECIFICATIONS.
- THE MAXIMUM AREA THE CONTRACTOR IS ALLOWED TO DISTURB IS AS FOLLOWS:
TRENCHING CONDUIT DUCT BANKT TYPE 1: LENGTH OF TRENCH BY 2 FEET WIDE
TRENCHING CONDUIT DUCT BANKT TYPE 3: LENGTH OF TRENCH BY 1 FOOT WIDE
TRENCHING TP 2 OR TP 3 CONDUIT: LENGTH OF TRENCH BY 1 FOOT WIDE
BORING: 200 SQUARE FEET PER BORING LOCATION, INCLUDES 1 ENTRANCE AND EXIT POINT
TYPE 2 PULL BOXES: 6 SQUARE FEET
TYPE 4S PULL BOXES: 13.5 SQUARE FEET
TYPE 7 PULL BOXES: 19 SQUARE FEET
TYPE 5 ELECTRICAL COMMUNICATION BOX: 36 SQUARE FEET

- THE CONTRACTOR SHALL INSTALL SILT CONTROL GATES AT ALL EXISTING CROSS-DRAIN PIPES DOWNSTREAM FROM ANY GROUND DISTURBANCE AND INSTALL INLET SEDIMENT TRAPS AT ALL EXISTING DROP INLETS DOWNSTREAM FROM ANY GROUND DISTURBANCE. SILT CONTROL GATES AND INLET SEDIMENT TRAPS SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION AND MAINTAINED AS NECESSARY.
- THE CONTRACTOR SHALL GRASS AND MULCH WITHIN 24 HOURS WHERE THE GROUND HAS BEEN DISTURBED BY TRENCHING AND/OR BORING.
- THE CONTRACTOR SHALL IMPLEMENT THESE EROSION CONTROLS MEASURES PER THE GEORGIA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS, D-20 SILT CONTROL GATES FOR STRUCTURES TYPE 1, 2, 3; INLET SEDIMENT TRAP, D-24A TEMPORARY SILT FENCE, BALED STRAW EROSION CHECK, BRUSH BARRIER DETAILS, D-24B TYPICAL LOCATION DETAILS FOR SILT FENCES/BALED STRAW, D-35 PERMANENT SOIL REINFORCING MAT, AND D-42 INLET SEDIMENT TRAPS. ALSO, THE CONTRACTOR SHALL FOLLOW THE GUIDELINES SET BY THE GEORGIA DEPARTMENT OF TRANSPORTATION'S "EROSION CONTROL LEGEND AND UNIFORM CODE SHEET" AND THE SPECIAL PROVISION LISTED ABOVE.

SIGNING AND PAVEMENT MARKING NOTES

- ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND GEORGIA DOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND SPECIAL PROVISIONS.
- SIGN ERECTION LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.
- ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED SUCH THAT THE BOTTOM OF THE SIGN OR ASSEMBLY IS 7 FEET ABOVE THE EDGE OF PAVEMENT.
- HORIZONTAL CLEARANCE TO THE NEAR EDGE OF STANDARD HIGHWAY SIGNS SHALL BE 6 FEET FROM THE EDGE OF PAVED SHOULDER OR 12 FEET FROM THE EDGE OF PAVEMENT, WHICHEVER IS GREATER. HORIZONTAL CLEARANCE BEHIND NON-MOUNTABLE CURB SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEAR EDGE OF THE SIGN.
- ALL YIELD SIGNS (R1-2) AT SIGNALIZED INTERSECTIONS SHALL BE REMOVED UNLESS THEY ARE AT A CONCRETE ISLAND SEPARATING A RIGHT TURN LANE. COST FOR REMOVAL SHALL BE INCLUDED IN THE TRAFFIC CONTROL BID PRICE.
- REMOVAL OF ALL TRAFFIC MARKINGS, SYMBOLS, OR STRIPING SHALL BE PAID UNDER THE TRAFFIC CONTROL LUMP SUM ITEM AND SHALL BE ACCOMPLISHED BY SANDBLASTING.
- TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED IN THE PLANS. CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
- TYPE IX (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS, WARNING SIGNS, AND OVERHEAD SIGNS.

UTILITY CONTACTS

AGL NETWORKS
(404) 584-3110

ATLANTA GAS LIGHT RESOURCES
(404) 584-4000

AT&T
(770) 493-2006

CHARTER COMMUNICATIONS
(404) 597-2712

CITY OF ROSWELL TRANSPORTATION
(770) 594-6420
(770) 641-3773

COMCAST OF GEORGIA INC.
(770) 559-2035

FULTON COUNTY PUBLIC WORKS
(404) 730-7410
(404) 730-6830

GEORGIA POWER COMPANY
(404) 506-6526

GEORGIA POWER TRANSMISSION
((404) 506-2889

M. E. A. G.
(678) 255-2305

VERIZON BUSINESS
(972) 729-7000



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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC OPERATIONS

GENERAL SIGNAL NOTES

DRAWING NO.
401



DESIGNED BY: AW	DRAWN BY: AW	DATE: 02/13/08
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